

~~GERASIMOV, V. I.~~
~~GERASIMOV, V. I., insh.~~

The ZA741 universal surface-grinding machine. Mashinostroitel'
no.12:9-12 D '57. (MIREA 10:12)
(Grinding machines)

RYASCHENKOV, A.V.; GERASIMOV, V.I.; PONOMAREV, N.F.; ZAYTSEV, E.G.

Lasting corrosion resistance of Kh18N10T steel during alternating
wetting and drying. Metalloved. i term. obr. met. no.4:18-21
Ap '64. (MIRA 17.6)

I. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii
i machinestroyeniya.

GERASIMOV, V. I.

Montazh koksnykh tsekov (Installation of coke shops) Moskva, Gos. Izd-vo Literatury Po Stroitel'stvu i Arkhitektur'e, 1952.
253 p. illus., diagrs., tables.

N/5
741.471
.G3

Gerasimov, V.I.; Grigor'enko, M.G., redaktor; Krasil'shchik, S.I., redaktor;
~~Tikhonov, A.M.~~, tekhnicheskiy redaktor.

[Booklet on safety measures for workers at refractory material stores-
houses and workers stocking refractory bricks for building coke ovens]
Pamiatka po tekhnike bezopasnosti dlia rabochikh skladov ogneuporov
i rabochikh, zaniatykh na zagotovke ogneupornogo kurpicha pri stroi-
tel'stve koksovykh pechey. Moskva, Gos.izd-vo lit-ry po stroit. i
arkhit., 1955. 45 p.
(MLRA 8:8)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva. Otdel tekhniki
bezopasnosti i promyshlennoy sanitarii.
(Refractory materials--Safety measures)

GERASIMOV, V. I.

68-1-10/21

AUTHOR: Simachev, L.V., Peleshuk, M.I., Gekhtman, D.Ya.,
Shpeyyer, N.A., Pryakhin, L.G. and Gerasimov, V.I.

TITLE: Comments on the Paper of R.Z. Lerner "On Changes in the
Composition of the Coke Oven Department for a Considerable
Increase in the Number of Coke Ovens in a Battery".
(Otkliki na statyu R.Z. Lernera "Ob izmenenii komponovki
koksovoygo tschekha dlya znachitel'nogo uvelicheniya chisla
pechey v batareye")

PERIODICAL: Koks i Khimiya, 1957, No.1, pp. 35 - 36 (USSR)

ABSTRACT: These relate to the paper published in Koks i Khimiya,
1956, No.4. The authors agree with the proposals of R.Z.
Lerner (batteries of 100 ovens) and consider that 4 batteries
of the proposed type should be urgently designed.
There is 1 table.

ASSOCIATION: Glavmekhanomontazh and Koksokhimmontazh.

AVAILABLE: Library of Congress
Card 1/1

GERASIMOV, Vasiliy Ivanovich, inzh.; PAUKOV, Yelisey Vasil'yevich, inzh.;
PASHKEVICH, Aleksay Il'ich, inzh.; PRYAKHIN, Leonid Grigor'yevich,
inzh.; PULESHUK, M.I., inzh., nauchnyy red.; VLASOV, P.Ye., red.
izd-va; KU'KINA, E.M., tekhn.red.

[Use of refractories and construction of coke ovens] Ogneupornye
i montazhnye raboty pri stroitel'stve koksovykh tsekhov. Moskva,
Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960.
498 p.

(Coke ovens)

GERASIMOV, Vasiliy Ivanovich; KOZLOV, Rostislav Polikarpovich;
PELESHUK, M.I., nauchn. red.; PATENOVSKAYA, M.I., red.

[Assembly mechanic for the equipment in coke by-product
plants] Slesar'-montazhnik po oborudovaniyu koksokhimicheskikh zavodov. Moskva, Stroiizdat, 1964. 342 p.
(MIRA 17:6)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514820001-0

Card 2/3

L 1+511-0
ACCESSION NR (AP4030668)

SEARCHED

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CIA-RDP86-00513R000514820001-0"

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CIA-RDP86-00513R000514820001-0

1. Attached hereto is a copy of the entire affidavit set forth above.
2. It is recommended that the attached copy, including Exhibit A, be filed in the matter of Civil Action No. 5127-JG, "In re
(MIA, 1970)
3. It is recommended that the attached copy be filed.

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514820001-0"

GRASIMOV, Vasil, 1914-

Stress and stress concentration caused by the stretching of a plate
with a circular hole under creeping conditions. izv.vys.ucheb.zav.;
mech.mekh., no.7, 1959. 164.

(MIRA 17:10)

M. Monkovskiy slav-yekperimental'nyy institut.

GERASIMOV, V.I.

Dust collectors for mining matter-loaders. Biul. tekhn.-ekon.
inform. Gos. nauch.-issled. nauch. i tekhn. inform. 17 no.9:
12-14 \$ 164
(MIRA 18:1)

FEDOROV, T.P., kand. tekhn. nauk; KERIMOV, N.S., inzh.; V. I., inzh.
V.I., inzh.

. Improvement in the quality of semirigid mineral wool slabs.
Stroi. mat. 11 no.7:31-32 J1 '65. (Aka 18:8)

Fig. 1.

Apparatus 301 for testing corrosion under stress at a constant deformation
in aqueous solutions of high pH values. The apparatus consists of a
100-l. tank with compressed gas inlet and outlet, and a pressure gauge
and float.

Card 3/3

L 3822-66 EMT(d)/EMT(m)/EMT(c)/EMT(v)/EMT(t)/EMT(k)/EMT(h)/EMT(b)/EMT(l)
ACCESSION NR.: AP5024828 JD/NB UR/0032/65/031/010/1265/1268 48
620.198-1.0.5 45

AUTHOR: Ryabchenkov, A. V.; Pongil'skiy, N. F.; Zaytsev, E. G.; Gerasimov, V. I.
44,55 44,55 44,55 44,55

TITLE: A device for corrosion tests under stress at high temperature and pressure

SOURCE: Zavodskaya laboratoriya, v. 31, no. 10, 1965, 1265-1268

TOPIC TAGS: stress corrosion, high temperature effect, pressure effect
44,55 1b

ABSTRACT: The article is a description of a device patented by the authors for studying corrosion in metals under stress at high temperatures and pressures (Author's Certificate No. 154078, published in *Byulleten' izobreteniy* No. 8 1963). Schematic diagrams are given of the instrument as a whole and of its principal parts. A general schematic of the device is shown in fig. 1 of the Enclosure. The unit consists of working chamber 1 with loading device 2, supercharger 3, intermediate storage vessels 4 and 5 and sampler 6. These elements form a closed circulation system with connecting tubes 7. The installation also contains a supply tank 8, a pressure-equalizing device 9, protection 10 and control 11 instrumentation located on a separate control board and in the cabinet of the device. The operation of the

Card 1/3

L 3822-66
ACCESSION NR: AP5024828

Instrument is described in detail. The installation is designed for a preprogrammed automatic testing cycle. Orig. art. has: 3 figures.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashino-stroyeniya (Central Scientific Research Institute of Technology and Machine Building)
44.3

SUBMITTED: 00

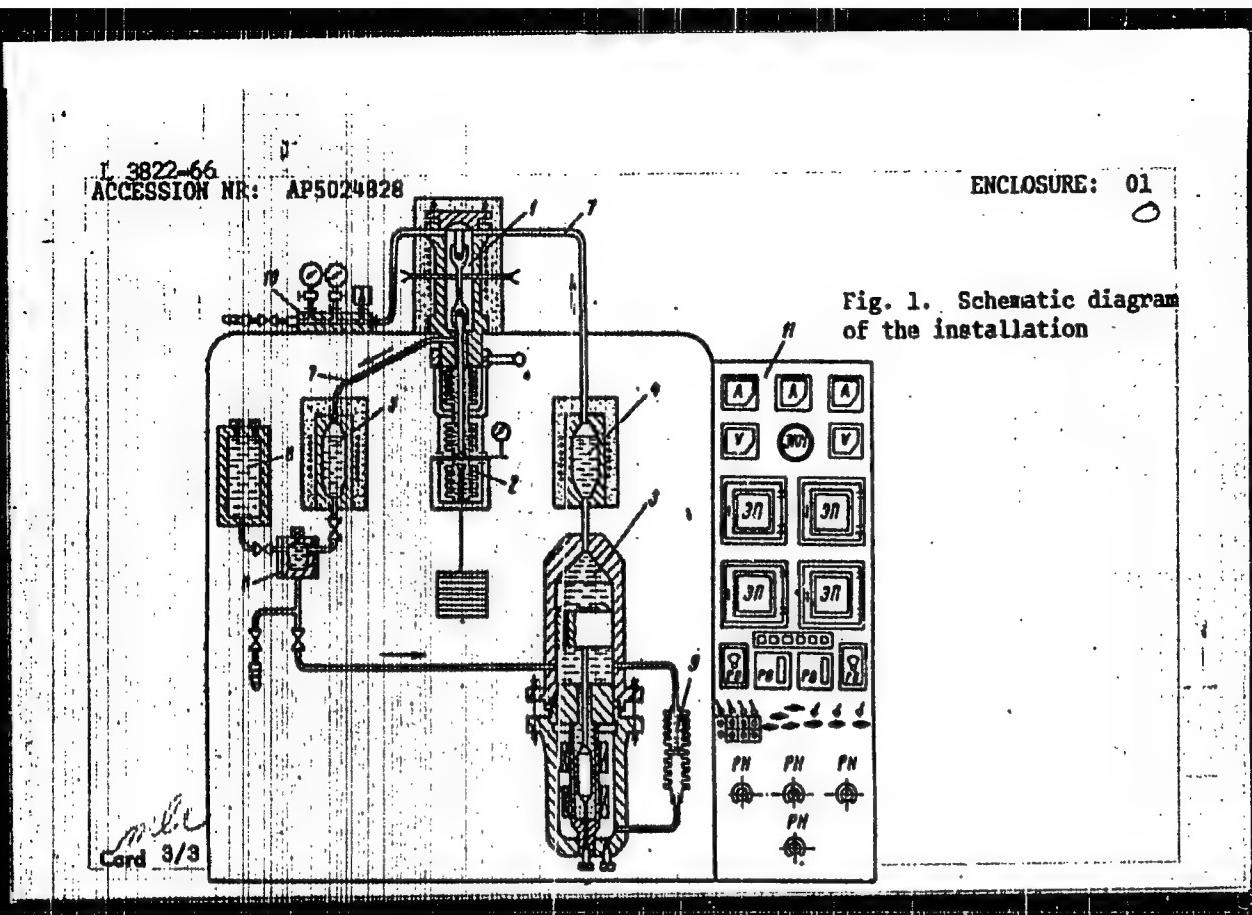
ENCL: 01

SUB CODE: IE

NO REF Sov: 003

OTHER: 000

Card 2/3



RYABCHENKOV, A.V.; SIDOROV, V.P.; GERASIMOV, V.I.; PONGIL'SKIY, N.F.

Unit for testing steels for corrosion cracking in aqueous
solutions of a given concentration of salts and oxygen.
Zav.lab. 31 no.4:501-503 '65.

(MIRA 18:12)
1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii
i mashinostroyeniya.

RYABCHENKOV, A.V.; PONGIL'SKIY, N.F.; ZAYTSEV, E.G.; GERASIMOV, V.I.

Apparatus for corrosion tests under strain at high temperature
and pressure. Zav.lab. 31 no.10:1265-1268 '65. (MIRA 19:1)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii
i mashinostroyeniya.

L 39548-66	ENT(s)/LVP(t)/FTI	IJP(c)	JD/85
ACC NR: AP6015283	(N)	SOURCE CODE:	UR/0365/66/002/003/0257/0278
AUTHOR: <u>Ryabchenkov, A. V.</u> ; <u>Gerasimov, V. I.</u> ; <u>Sidorov, V. P.</u>			
ORG: Central Scientific Research Institute of Technology and Machinery (Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya)			
TITLE: On the nature of the stress <u>corrosion cracking of austenitic steels</u> and basic factors affecting this process			
SOURCE: Zashchita metallov, v. 2, no. 3, 1966, 257-278			
TOPIC TAGS: stress corrosion, austenitic steel			
ABSTRACT: The article analyzes literature data on the nature and mechanism of the process of stress corrosion cracking of austenitic steels in chloride solutions and discusses the principal factors affecting the generation and development of fractures under stress corrosion conditions. It is shown that thus far no theory has been developed to provide an accurate explanation for the stress corrosion process, but that one should be advanced in the near future. All the known factors determining the tendency of austenitic steel toward stress corrosion cracking are divided into two main groups: (a) external factors related to the conditions of the medium surrounding the metal, and (b) internal factors determining the physicochemical properties of the metal itself (i.e., chemical composition, structure, degree of deformation, etc.). The manner in which two major factors, the composition and temperature			
Card 1/2 UDC: 620.193/194 669.15-194:669.24'26			

I 39948-66

ACC NR: AP6015283

2

of the corrosive medium and the chemical composition of the steel, affect the corrosion cracking process is discussed in detail. It is noted that this review considers only the principal modern concepts of the nature and mechanism of stress corrosion cracking of stainless austenitic steels in chloride solutions, to the exclusion of the important problem of the experimental investigation methods employed in such studies; such methods will be discussed in a future article. Orig. art. has: 12 figures and 7 tables.

SUB CODE: 11/ SURV DATE: 01Dec65/ ORIG REF: 020/ OTH REF: 066

Card 2/2 in file

ACC NR: AP6018012

(N)

SOURCE CODE: UR/0413/66/000/010/0126/0126

INVENTORS: Lyubavskiy, K. V.; L'vova, Ye. P.; Sukhov, L. V.; Yarovinskiy, L. M.; Tarnovskiy, A. I.; Ryabchenkov, A. V.; Gerasimov, V. I.; Iodkovskiy, S. A.

ORG: none

TITLE: Welding electrode, Class 49, No. 181968 [announced by Scientific Research Institute of Technology and Machine Construction (Nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 126

TOPIC TAGS: welding, welding electrode, austenite steel, carbon, silicon, manganese, chromium, nickel, molybdenum, niobium, sulfur, phosphorus

ABSTRACT: This Author Certificate presents a welding electrode for welding austenite steels containing carbon, silicon, manganese, chromium, nickel, molybdenum, niobium, sulfur, and phosphorus. To increase the resistance of welded seam to corrosion, the electrode composition is taken in the following percent relationship: carbon—not over 0.05; silicon—not over 0.45; manganese 2—10; chromium 19—25; nickel 33—50; niobium 0.8—1.2; molybdenum 2.5—7.5; sulfur or phosphorus—not over 0.02 of each.

SUB CODE: 13/ SUBM DATE: 29Apr65

Card 1/1

UDC: 621.791.042.2

1 10778-67

ACC NR: AP6027583

SOURCE CODE: UR/0256/66/000/005/0052/0053

AUTHOR: Gerasimov, V. I. (Brigadier general of ITS)

25

ORG: None

TITLE: Automation on a small scale

SOURCE: Vestnik protivovozdushnoy oborony, no. 5, 1966, 52-53

TOPIC TAGS: automation, automatic control, armed force installation, *MILITARY ENGINEERING*

ABSTRACT: Referring to the directives of the new Five Year Plan with regard to the general development of automation, the author stresses that the military engineering personnel must pay more attention to the so-called "small mechanization" and exert more skill and inventiveness in handling and improving their various equipment. In this connection, he cites and praises many officers who showed their initiative in suggesting and promoting new inventions and devices. A series of improvements sharply increased the maneuverability of missile units and their transition to combat positions. The introduction of conveyor lines for delivering ammunition increased the combat readiness. A new device improved the control and transmission of information on the position of moving vehicle columns. A development of a new electronic system spedied the transmission of signals and orders. New innovations were applied to the operation of radar stations. The operation of a power supply system was also modernized. Many improvements were suggested and adopted for automation of work in maintenance and repair shops.

SUB CODE: 13, 15/ SUBM DATE: None

Card 1/1

GERASIMOV, V.K.

Functional state of the adrenal cortex in various phases of non-specific ulcerative colitis. Vest. AMN SSSR 18 no.10:65-70 '63.
(MIRA 17:6)

1. Leningradskiy sanitarno-gigienicheskiy meditsinskiy institut
Ministerstva zdravookraniya RSFSR.

VIUKOV, V.K., inzh.; GERASIMOV, I.H., inzh. (Baranovichi)

Constructing crossings across swamps using the method of continuous floating. Stroi. truboprov. 5 no.10:12-14 0'60. (MIRA 13:10)
(Gas, Natural--Pipelines)

GERASIMOV, V.N., inzh.

Using mixed brigades in road-bed construction and soil stabilization.
(MIRA 13:10)
Avt. dor. 23 no. 5:7 My'60.
(Soil stabilization) (Omsk Province--Road construction)

GERASIMOV, V.N.

Mechanized conveying of blanks. Mashinostroitel' no.9:20
S '61. (MIRA 14:10)
(Conveying machinery)

GERASIMOV, V.N.; KURYNDIN, V.P.; ILYUSHIN, N.P.

Automatic groove milling machine. Mashinostroitel' no.6:10-11
Je '64. (MIRA 17:8)

S/123/61/000/022/005/024
A004/A101

AUTHOR: Gerasimov, V.N.

TITLE: Investigating the finish turning of steel with mineral-ceramic tools

PERIODICAL: Referativnyy zhurnal. Mashinostroyeniye, no. 22, 1961, 29, abstract 22B176 ("Tr. Ufimsk.aviats. in-ta", 1960, no. 5, 69 - 74)

TEXT: The author presents the results of experimental investigations of the effect of the back angle, vibration-absorbing chamfer on the back edge and chamfer with negative angle on the cutting edge, on the magnitude of radial wear and temperature deformations of tools with mineral-ceramic bits of the UHM 332 (TaM332) grade during the finish turning of axle steel with $\sigma_b = 62.5 \text{ kg/mm}^2$. He presents curves of the relationships between radial tool wear and cutting path at different values of the back angle, back edge wear and back angle, etc. It was found that temperature deformations of ceramic tools are considerably lower than those of sintered carbide tools, which promotes an increase in machining accuracy. A negative chamfer on the tool cutting edge increases its dimensional service life and improves the surface finish. In the zone of normal wear, a linear dependence exists between the magnitude of radial wear and the length of the

Card 1/2

Investigating the finish turning of steel ...

S/123/61/000/022/005/024
A004/A101

cutting path, which makes it possible to calculate the machining accuracy of parts. It is pointed out that the vibration-absorbing chamfer on the back edge has a negative effect, deteriorating the surface finish and lowering the dimensional life of tools with T&M32 bits. There are 7 graphs and 5 references.

I. Briskman

[Abstracter's note: Complete translation]

Card 2/2'

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514820001-0

Gerasimov, V.N.

Prestressed steel composite beams with stock auxiliary chords.
Trudy NPI 147:31-35 '63. (MIRA 12:3)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514820001-0"

GERASIMOV, V.N.

Comparison of diamond boring and internal grinding. Trudy Stud.
nauch. ob-va LIEI no.3:92-96 '59. (MIRA 16:10)

GERASIMOV, V. N.

18G61

Leningrad Electric Power System
4501.0500

Nov 1947

"Thirty Year Development of the Leningrad Power
System," V. N. Gerasimov, Engr, 2 pp

"Elek Stantsii" Vol. XLVIII, No 11

Describes system and its development. Mentions
individual installations in connection with out-
standing work of named engineers and technicians.
Describes war experience and reconstruction.

IC

18G61

VESNOV, S.S., inzhener; OVECHKO, V.L., inzhener; GERASIMOV, V.N., redaktor;
USOV, S.V., redaktor izdatel'stva; VORONETSKIY, D.D., tekhnicheskiy
redaktor.

[Efficient methods employed in the Leningrad Power Plants] Ratsionalizatorskaya rabota Lenenergo. Leningrad, Gos.energ.izd-vo. No.1.1949.
241 p. [Microfilm]
(MLRA 10:5)

1. Proizvodstvenno-tehnicheskiy otdel Upravleniya Lenenergo (for Veselov, Ovechko) 2. Russia (1923- U.S.S.R.) Glavnoye upravleniye elektrostantsiy i elektrosetey Tsentral'nogo Leningradskogo rayonnoye upravleniye. 3. Zamestitel' glavnogo inzhenera Lenenergo (for Gerasimov).
(Leningrad--Electric power plants)

VUL'FSON, B.I. (Engineer), GERASIMOV, V.N.
KOLESNIKOV, I.L.

Electric Power Plants

Heating and electric power units with a flue gas temperature of 100° C. Za ekon. top. 9
No. 5 (1952)

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

~~GERASIMOV~~, N.N., inzh.; ZVEZIKIN, V.N., inzh.; IZRAYELIT, G.B., inzh.
HOKHYENKO, I.Ye., inzh.

Note on the testing of insulation of large electric machines.
Elek.sila. 29 no.6:67-70 Je '58. (MIRA 11:9)
(Electric insulators and insulation--Testing)

GRIGOR'YANTS, Georgiy Mironovich; Gerasimov, V.N., prof., retsenzent;
ERLIKH, V.A., red.; SOBOLEVA, Ya.M., tekhn. red

[Problems of the design and economics of the construction
of thermal electric power plants; principal means for de-
creasing costs and shortening the construction time] Voprosy
projektirovaniia i ekonomiki stroitel'stva teplovyykh elektro-
stantsii; osnovnye puti snizheniiia stostosti i sokrashcheniiia
srokov stroitel'stva. Moskva, Gosenergoizdat, 1963. 314 p.
(MIRA 17.4)

LUPAKOV, I.S., kand. tekhn. nauk; MOSKVICHEV, G.S., kand. tekhn. nauk;
ZAKHAROV, Yu.V., inzh.; GERASIMOV, V.V., doktor tekhn. nauk

Comparative study of the strength of some austenitic and austenite-ferrite steels against corrosion cracking. Teploenergetika 11 no.6:
40-43 Je '64. (MIRA 18:7)

SELASTTOV, V. N.

"The Breakaway Resistance of Sunken Ships When Lifted From
Sandy Ground." Cand Tech Sci, Leningrad Military-aeronautical
Engineering Academy, Leningrad, 1954. (RZhMekh, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions (15)

GERASIMOV, V.N.

Ground permeability component of the resistance to its separation
from a vessel being lifted. Trudy LKI no.29:21-25 '59. (MIRA 14:7)

1. Leningradskiy korablestroitel'nyy institut, kafedra teorii
korabliya.

(Permeability)

/

GERASIMOV, Vladimir Nikolayevich; DROHILENKO, Viktor Feoktistovich;
RODIONOV, A.I., retsenzent; VASIL'IEV, B.F., retsenzent;
IVANOV, A.P., red.; MEDNIKOVA, A.N., tekhn.red.

[Submarine boats of imperialist countries] Podvodnye lodki
imperialisticheskikh gosudarstv. Moskva, Voen.izd-vo M-va
obor.SSSR, 1960. 221 p.
(MIRA 13:12)
(Submarine boats)

GERASIMOV, Vladimir Nikolayevich; DROBLENKO, Viktor Feoktistovich;
RODIONOV, A.I., retsenzent; VASIL'YEV, B.F., retsenzent;
ANTONOV, D.A., retsenzent; IVANOV, A.P., red.; KRASAVINA,
A.M., tekhn. red.

[Submarine boats of imperialist countries]Podvodnye luki im-
perialisticheskikh gosudarstv. Izd.2., dop. Moskva, Voenizdat,
1962. 301 p. (MIFA 15:9)
(Atomic submarines) (Submarine boats)

BUKALOV, Valeriy Mikhaylovich; NARUSBAYEV, Aleksandr Abdugaparovich;
GERASIMOV, V.N., kand. tekhn. nauk, retsenzent; FEDIN, P.G.,
Inzh., retsenzent; YEGOROV, S.A., nauchn. red.; PENOVA, Ye.M.,
red.

[Design of atomic submarines; from materials in the foreign
press] Proektirovanie atomnykh podvodnykh lodok; po materia-
lam inostrannoj pechati. Leningrad, Sudostroenie, 1964.
287 p. (MIRA 17:7)

GERASIMOV, V. P. comp.

Problems of the Michurin biology; collection of articles Prev. Bozhana Dimitrova
Sofia Izu-vo na Suiuz na bulgaro-slovenskite druzhestva 1950 698 p.

46H-145

GERASIMOV, V.P.

Problems of heredity and its variability for school excursions to
the zoo. Est.v shkole no.2:72-79 Mr-Ap '54. (MLRA 7:3)

1. Konsul'tant metodist Moskovskogo zooparka.
(School excursions) (Zoology--Study and teaching)

GERASIMOV, V.P., kandidat pedagogicheskikh nauk.

Elements of scientific atheistic training on the subject "Achievements of Russian Darwinist-scientists." Est.v shkole no.6:49-54
M-D '54.
(Religion and science)

(E K451 MCV, v. 1

DZHORDZHADZE, V.A.; BEHEZOVA, Ye.P., doktor biologicheskikh nauk, professor;
BUSHINSKIY, V.P., akademik; GERASIMOV, V.P., kandidat pedagogicheskikh
nauk; DGBROLYUBOVA, Ya.M., dotsent; IVANOV, P.P.; IMSHENETSAYA, L.I.;
TERMKHOV, V.D., redaktor; YUSPINA, N.L., tekhnicheskiy redaktor

[Publicizing the natural sciences in connection with practical problems
in agriculture] Propaganda estestvenno-nauchnykh znanii v sviazi s
prakticheskimi zadachami sel'skogo khoziaistva. Moskva, Gos. izd-vo
kul'turno-prosvetit. lit-ry, 1956. 158 p. (MLRA 9:11)
(Agriculture--Study and teaching)

GERASIMOV, V.P., kand. pedagogicheskikh nauk.

Current tasks in popularizing natural sciences in zoological parks
and gardens. Sbor. trud. Mosk. zoop. no.1:7-15 '56. (MIRA 10:11)
(Zoology--Study and teaching) (Zoological gardens)

GERASIMOV, V. P. kandidat pedagogicheskikh nauk.

Reflex of "freedom" and the "orientation" reflex in wild
animals in captivity. Est. v shkole no.6:48-52 N-D '56.
(MLRA 9:12)

(Animals, Habits and behavior of)

GERASIMOV, V.P., kandidat pedagogicheskikh nauk.

Defense reflexes in wild animals. Biol. v shkole no.3:31-37 My-Je
'57. (MLRA 10:6)
(Zoology--Study and teaching) (Animals, Habits and Behavior)
(Conditioned response)

FEDOROVA, Vera Nikolayevna; GERASIMOV, V.P., red.; PEDOTOVA, A.F., tekhn.
red.

Development of methods in the natural sciences in Russia before the
Revolution] Razvitiye metodiki estestvozhaniiia v dorevoliutsionnoi
Rossii. Moscow, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR,
1958. 431 p. (MIRA 11:5)
(Science--Methodology)

GERASIMOV, V.P., kand. ped. nauk.

~~Instinct of care for the offspring in some vertebrates. Biol. v
shkola no.1:66-70 Ja-F '58.~~ (MIRA 11:1)
(Instinct) (Animals, Habits and behavior of)

GERASIMOV, V.P., kand.ped.nauk

Role of the biology teacher in scientifically-based atheistic
education of students. Biol. v shkole no.5:9-12 S-0 '58.

(MIRA 11:11)

(Biology--Study and teaching)

(Atheism)

GERASIMOV, V.P., kandidat pedagogicheskikh nauk

Care of the young among mammals; material for a trip to the
zoological park. Biol.v shkole no.1:30-34 Ja-F '60.
(MIRA 13:5)
(Animals, Habits and behavior of)

GERASIMOV, V.P., kand.pedagog.nauk (g.Moskva)

Scientifically-based atheistic education during excursions to the
zoological park.. Biol. v shkole no. 6:29-32 N-D '60.

(MIRA 14:1)

(Atheism--Study and teaching) (Adaptation (Biology))

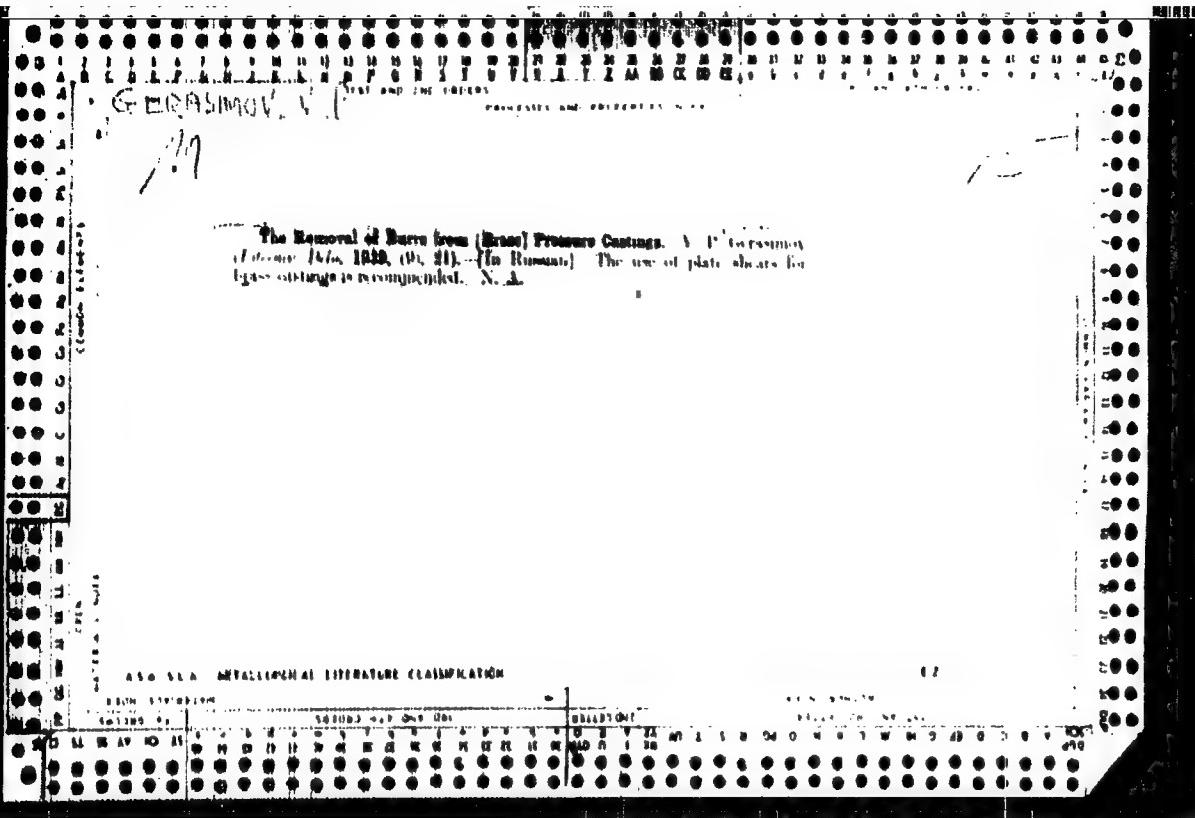
GERASIMOV, Vasily Petrovich; KHUNTSKARIYA, Ye.N., red.; KARPOVA, T.V., tekhn. red.

[Fishes, amphibians, reptiles and their study in school; a textbook for teachers] Ryby, zemnovodnye, presmykayushchiesia i izuchenie ikh v shkole; posobie dlja uchitelja. Moskva, Uchpedgiz, 1962. 225 p. (MIRA 15:11)
(Fishes) (Amphibia) (Reptiles)

GERASIMOV, V.P.

Museums aid in organizing a Bird Day. Biol. v shkole no.2:72-74
Mir-Ap '63. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut muzeovedeniya, Moskva.
(Museums) (Bird Day)



REPRINT

"Removing Burrs when Milling Toothinged Wheels," Stanki Instrument, Inc., No. 1, 1939.

Report U-1505, 4 Oct 1951.

5

10

Use of Sawdust for Case-Hardening. V. P. Gorobcov,
(Standart i Instrument, 1930, No. 2, 36). (In Russian). The
use of sawdust from coniferous wood instead of charcoal is
said to have reduced the time required for case-hardening to
a given depth by 3 hr. The sawdust is heated to 300° C. in
closed containers before use.—S. K.

J. P. D. S. J. G. R. A. M. N. C. I.

Heat Treatment Furnaces

⁷ Dimensions of Hard-Alloy Disc for Drawing Wire and Bars.
V. P. Gorobets. (Shank) + Instrument, 1950, No. 7, 28.
(In Russian) A very brief account is given of the successful
use of unusually small hard alloy drawing dies of sub-standard
dimensions. - N. K.

1. GERASIMOV, V. P.
2. SSSR (600)
4. Metalworking Machinery
7. Universal shaft.
Lit. proiz. No. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

1. GERASIMOV, V. P.
2. USSR (600)
4. Jigs and Fixtures
7. Improving the fastening of tool holders in turret lathes. Stan. i instr. 24 no. 3 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

Gerasimov, V.P.

Diamond substitute from widia grain with plastic filler. Stan. i instr.
24 no.5:34 My '53. (MLRA 6:6)
(Abrasives)

GERASIMOV, V.P.

AUTHOR: Gerasimov, V.P., Engineer, 128-58-5-13/16
TITLE: Exchange of Experience (Obmen opytom)
PERIODICAL: Liteynoye Proizvodstvo, 1958, Nr 5, p 27 (USSR)
ABSTRACT: The die-casting method requires pre-heating of the press-mold by preliminary filling with molten metal under light pressure. Sometimes, up to 15 such preliminary fillings are needed, and the waste becomes costly, particularly when the fittings are also wasted. Engineer A.M. Fedorov suggested specially-made insert closers (shown in drawing) to be used instead of die-casting fittings for the pre-heating castings. There is 1 drawing.
AVAILABLE: Library of Congress
Card 1/1

СЕМЯНОВ, В.П., ДОКН, АДМ, СЕМЯНОВ, В.П.

Produced equipment should be on the level of best standards.
Mashinostroitel' no.9;8 S '65. (MIA 18;12)

L 00685-67	ISI(1)
ACC NR: AP6005310	SOURCE CODE: UR/0413/66/000/001/0044/0044
AUTHOR: Gerashimov, V. P.	42 B
ORG: none	
TITLE: A rotary <u>waveguide</u> device. Class 21, No. 177490	
SOURCE: Izobreteniya, promyshlennyye obratstsy, tovarnyye znaki, no. 1, 1966, 44	
TOPIC TAGS: waveguide, waveguide coupler, waveguide element, electric rotating equipment part	
ABSTRACT: This Author Certificate presents a rotary waveguide device containing a series of kinematically interconnected sections arranged in a common casing. The design provides mutual rotation of all adjacent sections to the same angle when the output section is turned to an arbitrary angle and when the input section is stationary. All sections are divided into groups consisting of three adjacently positioned sections. These three sections are interconnected by equal-arm levers (see Fig. 1). The axes of these levers are fastened to the middle sections of each	
Card 1/2	UDC: 621.372.831.3

L 00685-67

ACC NR: AP6005310

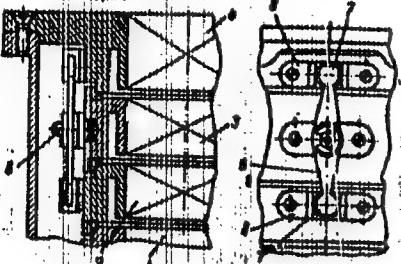


Fig. 1. 1-4 - sections;
5 - equal-arm lever;
6 - axes of the lever;
7 - ends of the lever;
8 - guides

group. The ends of the arms enter in the guides mounted on the outer sections of this group. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 18Jan65

Card 2/2

GERASHIMOV, V.P.; KOLESOV, S.Ya.

Data telemetering system for electrophysical units. Elektrofiz.
app. no.2:131-138 '64. (Minsk 18:3)

GRAFOV, L.Ye., gornyy inzh.; GORBUSHIN, V.I., V.I.; ZARANKIN, N.Ye.;
DUDNIK, G.N.; BARONSKIY, I.V.; KOSTYUKOVSKIY, V.Ya. [deceased];
LINDENAU, N.I.; BIRYUKOV, R.A.; LISKOVENTS, A.R.; MURAV'YEV,
V.P.; FESUN, V.A.; BERDYUGIN, V.A.; BEREZNYAK, M.M.; VASIL'YEV,
Ye.I.; KOLLODIY, K.K.; LI'CHENKO, D.F.; YALEVSKIY, D.B.;
GERASIMOV, V.P.; IVANOV, V.V.; GAVRILOV, G.V.; SUROVA, V.A., red.
izd-va; OSVAL'D, E.Ya., red. izd-va; PROZOROVSKAYA, V.L., tekhn.
red.

[Development and improvement in the technology of coal production]
Razvitiye i sovershenstvovanie tekhniki dobychi uglia. Moskva, Gos-
gortekhizdat, 1962. 359 p. (MIRA 16:2)
(Kuznets Basin--Coal mines and mining)

GERASIMOV, V.P.; DYADYURA, A.G.

New machines from the "Communist" factory. Gor. zhur. no.11:13
N '61. (MIRA 15:2)

1. Glavnnyy inzh. zavoda "Kommunist" (for Gerasimov). 2. Zamestitel'
plavnogo konstruktora zavoda "Kommunist" (for Dyadyura).
(Krivoy Rog Basin--Mining machinery)

SOLNYSHKOV, A. I.; KONAROV, V. P.; KUZNETSOV, V. S.; ABROYAN, N. A.; IVANOV, N. F.
ZHELEZNIKOV, F. O.; ROYFE, I. M.; ZABLOTSAYA, G. R.; IVLEV, I. V.; LATMANISOVA, G. M.
and GERASIMOV, V. P.

Current Injector for a Strong Focussed Linac.

report presented at the Intl. Conf. on High Energy Accelerators, Dubna, August 1963.

MAKAREVICH, Vitaliy Sergeyevich; VEPRIK, Gennadiy Nikolayevich;
CHRASNOV, Vasiliy Petrovich; SIMONOV, Veniamin Georgiyevich;
GORODETSKOV, A.P., inzh., retsenzent; LYUTTSAU, A.G., inzh.,
retsenzent; ZUBLEVSKIY, S.M., inzh., red.; USENKO, L.A., tekhn.
red.

[Detection and elimination of faults in VL22²² electric locomotives]
Obnaruzhenie i ustranenie neispravnostei na elektrovozakh VL22^M.
Moskva, Transzheleldorizdat, 1962. 127 p. (MIRA 15:11)
(Electric locomotives--Maintenance and repair)

GERASIMOV, V.S., kand. tekhn. nauk (Leningrad)

Continuous line methods for the repair of passenger cars in the factory. Zhel. dor. transp. 45 no.11:65-67 N '63. (MIRA 16:12)

1. Nachal'nik Oktyabr'skogo elektrovagonoremontnogo zavoda,
Leningrad.

GERASIMOV, V. S.

PA 37/49T44

USER/Engineering
Tools, Machine
Lathes

Aug 48

"Modernization of Machine Tools for Machining Large
Parts," v. S. Gerasimov, Engr, 1½ pp

"Stanki i Instrument" No 8

Explains how lathes can be modified to cope with jobs
larger than those for which they were originally
designed. Includes two sketches.

37/49T44

ACCESSION NR: AP4029705

S/0136/64/000/004/0055/0060

AUTHORS: Isakova, R.A.; Yesyutin, V.S.; Nesterov, V.N.; Taziyev, Zh.
Sh.; Morozov, I.F.; Gerasimov, V.S.

TITLE: Continuous Vacuum Refining of Selenium by Means of Fractional
Vapor Condensation

SOURCE: Tsvetnye metally*, no. 4, 1964, 55-60

TOPIC TAGS: selenium, vapor condensation, separation, feed rate,
impurity, vacuum refining, continuous

ABSTRACT: The authors investigated the vacuum refining of selenium
in a continuous fractional column equipped with screens. The vacuum
extraction of selenium was based on the considerable difference which
exists in the pressures of selenium, selenide, metal and impurity
vapors. A great amount of contradictory data on seleno-sulfur com-
pounds have been made available in literature. Chizhikov et al
(Ob isparenii selena iz yego splavov c seroi (Evaporation of
selenium from its sulfur alloys) Tr. Inst. metallurgii im. Baykova
(Proceedings of the Metallurgical Institute), vol. I, 1957) and others

Card 1/3

ACCESSION NR: AP4029705

have shown experimentally that sulfur-selenium cannot be fully separated. In view of the difficulties involved in the separation of selenium and mercury, the authors investigated the vapor pressure of mercury selenide within the 350-450C range which proved to be lower than that of elementary selenium. The purest selenium was obtained at a condensation temperature of 240-270C. The effects of temperature, feed rate and residual pressure were analyzed. The authors found that an increase in temperatures between 370 to 430C is accompanied by a productivity increase from 5 to 50 g/min. The ratio of refined metal to the mother liquor depends on temperatures and feed rate, and this may be readily predetermined. Residual pressure was found to affect the process considerably. An increase of up to 1 mm Hg at 430C increases the yield of the overflow from 22 to 70.9%. Quality tests showed that the selenium had a lower content of impurities as temperatures were decreased and vapor and selenium counterflow introduced into the process. A study of the distribution of impurities showed that the fractions of the two center screens which worked within the 270-240C temperature range had the lowest

Card

2/3

ACCESSION NR:AP4029705

content of volatile and non-volatile impurities. Assuming that the yield of the last screen is a maximum of 1% while that of the first screen may be controlled by the distance of the screen from the evaporator (i.e. temperature), the concentration of the major part of impurities in a small amount of the selenium of the first and last screen is possible while 85 to 90% refined selenium would be yielded from the two center screens. The authors contend that the application of this process would decrease the impurities in refined selenium drastically. Orig. art. has: 3 figures and 3 tables

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 30Apr64

ENCL: 00

SUB CODE: ML

NR REF SOV: 007

OTHER: 000

Card 3/3

GIRASIMOV, V.S., inzhener; MAKAROVA, G.A., inzhener.

Means for increasing the profitability of power and chemical equipment. Gidroliz. i lesokhim. prom. 9 no.4:29 '56.

1. Kanifol'no-ekstraktzionnyy zavod "Vakhtan."
(Boilers) (Wood-using industries) (MLRA 9:11)

GERASIMOV, V.S.

Improvement of the process of the utilization of wood fuel for
heating and producing chemicals. Gidroliz i lesokhim.prom. 12
no.4:21-22 '59.
(MIRA 12:8)

1. Vakhtanskiy kanifol'no-ekstraktionsnyy zavod.
(Wood as fuel) (Wood--Chemistry)

TSATSKA, E.M.; REBANE, Ye.I.; GERASIMOV, V.S.; MAKAROVA, G.A.

Use of a centrifugal blower and tar extractor of the TselTI-LPI
type for the purification of crude gases. Gidroliz i lesokhim. prom,
12 no. 7:19-23 '59
(MIRA 13:3)

1. Leningradskaya lesotekhnicheskaya akademiya (for TSatska, Rebane).
2. Vakhtanskiy kanifol'no-ekstraktionnyy zavod (for Gerasimov, Makarova).
(Wood-using industries--Equipment and supplies)
(Gas purification)

TSATSKA, E.M.; GERASIMOV, V.S.; MAKAROVA, G.A.

Using high-pressure centrifugal ventilator for the purification
of gas. Gidroliz. i lesokhim. prom. 14 no.8:12-15 '61.

(MIRA 16:11)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M. Kirova
(for TSatska). 2. Vakhtanskiy kanifol'no-ekstraktionnyy zavod
(for Gerasimov, Makarova).

L 47747-65 EMT(m)/ENG(m)/ENP(t)/ENP(b) IJP(c) RDW/JD
ACCESSION NR: AP5010921 UR/0286/65/000/007/0104/0104
2/2
B
AUTHOR: Kudryavtsev, A. A.; Ryabova, R. I.; Ustiyugov, O. P.; Bartosevich, M. K.;
Moronov, I. F.; Zhukov, P. I.; Gerasimov, V. S.
TITLE: Method of refining tellurium. Class 40, No. 169793
SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 7, 1965, 104
TOPIC TAGS: tellurium, tellurium refining, high purity tellurium
ABSTRACT: This Author Certificate introduces a method of refining tellurium up
to 99.9999% purity. Commercial grade tellurium is purified by distillation, first
in hydrogen at 700C and then in a vacuum of 1 mm Hg at a temperature gradually
changing from 800C in the still to 500C in the condenser. [AZ]
ASSOCIATION: none
SUBMITTED: 19Oct62 ENCL: 00 SUB CODE: MM
NO RRF SOV: 000 OTHER: 000 ATD PRESS: 4006
TP
Card 1/1

GERASIMOV, V.V., MILCVIDOV, I.N., YAGODIN, G.V.

"Fundamentals of Electrical Engineering" (Osnovy elektrotehniki). Textbook for military schools and the officer component of communications troops, edited by G.V. Yagodin, 2d edition, revised. Voyennoye Izdatel'stvo, 464 pp., 1947

GERASIMOV, V.V., GOL'DSHTEYN, B.I., KONDRAT'YEVA, L.G.

"Vitamin C Influencing the Velocity of Regeneration of Nucleic Acids in Cells of Animal Organism", in the book Experience in the Use of Radioactive Isotopes in Medicine R. Ya. KAVETSKIY and I.T. SHEVCHENKO, published by the GOSMEDIZDAT Publishing House of the UKRAINIAN SSR, KIEV 1955, represents medical transactions of a conference held in KIEV from 18-20 January 1954.

So: 1100235

GERASIMOV, V.V.

Let's carry out the resolutions on the promyshlennosti Ispolkomu
Mossoveta. Gor. khoz. Mosk. 34 no.11;22-23 N '60. (MIRA 13:11)

1. Administrativnaya inspeksiya Mosgorispolkoma.
(Moscow—Municipal services)

AKOL'ZIN, P.A.; GERASIMOV, V.V.; KASPEROVICH, A.I.; MAMET, A.P.;
MAN'KINA, N.N.; MARGULIOVA, T.Kh.; MARTYNOVA, O.I.;
MIROPOL'SKIY, Z.L.; Prinimali uchastiye: DYATLOVA, N.M.;
BIKHMAN, B.I.; STYRINKOVICH, M.A., retsenzent; KOSTRIKIN,
Yu.M., red.

[Water system of thermal electric power plants (ordinary
and atomic)] Vodnyi rezhim teplovых elektrostantsii
(obychnykh i atomnykh). [By] P.A.Akol'zin i dr. Moskva,
Energia, 1965. 382 p. (MIRA 18:3)

Gerasimov, V.V.

The problem of the "Calamus" herring. Trudy Murm. biol. sta. 3:111-113
'57. (MIRA 11:2)

(Murman Coast--Herring fisheries) (Fishes--Food)

3(9)

AUTHORS:

Mironova, N.V., Candidate of Biologic Sciences;
Gerasimov, V.V.

SCV/26-59-2-43/53

TITLE:

A Sea Aquarium (Morskoy akvarium)

PERIODICAL: Priroda, 1959, Nr 2, pp 114-115 (USSR)

ABSTRACT:

The authors point out the value of a permanent sea aquarium for scientific study of marine food fishes. This is especially true with respect to such installations beyond the Arctic circle, since the constant supply of fresh sea water offers certain technical difficulties. Thus the opening of a sea aquarium in 1956 in the Murmansk Marine Biological Institute, with the necessary supply of sea water circulating 24 hours a day was a considerable achievement. The aquarium was thoroughly remodeled in winter 1958. At present it consists of 3 rooms, has several large tanks, a tiled basin of 4.5 m length and several smaller receptacles. First studies were concerned with the change in color in codfishes, their preferred water temperature, the effect of the preliminary

Card 1/3

A Sea Aquarium

SOV/26-59-2-43/53

temperature adaption upon them, and the behavior of their young within the shoal. A substantial amount of one-year-old herrings became the second object of investigation. Many of them died during the first week after they had been caught. The rest survived and, within the course of one year, showed that they stood much variation in the oxygen content, saltiness and temperature of the water. Temperature variations ranged between 0.4 and plus 12.5°C. Temperatures from minus 1.5 to 1.9°C are deadly to the herrings. The minimum oxygen content in the water for herrings is 2 cubic cm per liter. The herrings offered no difficulty with respect to food and thrive on many foods including fresh water plankton. The feeding habits of the individuals differ. Their general habits changed gradually. In the beginning they crowded very close together in a shoal and reacted collectively. Small groups of 5 to 10 herrings kept apart were poor eaters, while isolated individual animals did not eat at all. The herrings were kept in an aquarium of 260 x 91 x 110 cm dimension. In

Card 2/3

A Sea Aquarium

SOV/26-59-2-43/53

addition to codfish and herrings, pollack and haddock were studied among several other marine food fishes. While the pollack adapted best to life under aquarium conditions, the haddock offered the greatest difficulties with respect to being kept in an aquarium. Most fishes, however, developed conditioned reflexes concerning the feeding procedure. Also several invertebrates are kept and studied in the aquarium.

ASSOCIATION: Murmanskiy morskoy biologicheskiy institut (Murmansk Marine Biological Institute)

Card 3/3

KAMSHILOV, M.N.; GERASIMOV, V.V.

Experiment in keeping young Murmansk herring in the aquarium.
Trudy sov. ikht. kom. no.10:84-87 '60. (MIRA 13:10)

1. Murmanskij Morskoy biologicheskiy institut Akademii nauk SSSR.
(Herring) (Murmansk--Marine aquarium)

MIRONOVA, N.V.; TSEYEB, R.Ya.; GERASIMOV, V.V.; POZDNYAKOV, Yu.F.;
CHINARINA, A.D.; BELOVA, A.V.

Distribution and some biological characteristics of commercial
fishes in the littoral area of the Murman Coast in 1957.
Trudy MMBI no.4:162-173 '62. (MIRA 15:11)

1. Laboratoriya ikhtiologii (zav. - N.V. Mironova)
Murmanskoj morskogo biologicheskogo instituta.
(Barents Sea--Fishes)

MIRONOVA, N.V.; TSEYEB, R.Ya.; GERASIMOV, V.V.; POZDNYAKOV, Yu.F.;
CHINAINA, A.D.; TARVERDIYEVA, M.I.; BELOVA, A.V.

Distribution and some biological characteristics of commercial
fishes in the littoral area of the Murman Coast in 1958.
Trudy MMBI no.4:174-185 '62. (MIRA 15:11)

1. Laboratoriya ikhtiologii (zav. - N.V. Mironova)
Murmanskogo morskogo biologicheskogo instituta.
(Barents Sea—Fishes)

GERASIMOV, V.V.

Feeding habits of the Murmansk herring in schools and outside
of schools in aquariums. Trudy MMBI no.4:254-259 '62.
(MIRA 15:11)

1. Laboratoriya srovnitel'noy fiziologii (zav. - E.Sh.
Ayrapet'yants) Murmanskogo morskogo biologicheskogo
instituta.

(Herring)
(Fishes--Food)

GERASIMOV, V.V.

Dynamics of imititational conditioned reflexes in certain marine fishes (codfish, coalfish, haddock). Dokl. AN SSSR 146 no.6:1456-1459 O '62. (MIRA 15:10)

1. Murmanskiy morskoy biologicheskiy institut Kol'skogo filiala AN SSSR im. S.M. Kirova. Predstavлено академиком Ye.N. Pavlovskim.
(Conditioned response) (Fishes—Behavior)

GERASIMOV, V.V.

Specificity of imitation in fishes. Trudy MMBI no.5:177-180 '64.
(MIRA 17:4)

1. Laboratoriya sravnitel'noy fiziologii (zav. - E.Sh.Arapet'yants)
Murmanskogo morskogo biologicheskogo instituta.

GERASIMOV, V. V.

GERASIMOV, V. V.: "Investigation of the effect of temperature on the electrochemical and corrosion behavior of a number of metals in electrolytes". Moscow, 1919. Acad Sci USSR. Inst of Physical Chemistry. (Dissertations for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 52, 26 December 1959. Moscow.

USSR/ Chemistry - Phys. chemistry

Card 1/1 Pub. 40 - 3/25

Authors : Gerasimov, V. V.; Akimov, G. V. and Rozenfel'd, I. L.

Title : Effect of thermal factor on the rate of metal corrosion in electrolytes

Periodical : Izv. AN SSSR, Otd. khim. nauk 1, 12-15, Jan 1956

Abstract : The effect of temperature on the rate of corrosion with various limitations was investigated on corrosion element models and on a real microelement of a zinc alloy containing 0.92% Fe. It was found that the rate of the corrosion process with change in temperature is due in the first place to the change of the thermal factor which controls the corrosion process. The effect of temperature on the rate of corrosion was studied at various forms of cathode control. It was established that the corrosion limited only by the rate of oxygen oxidation has a maximum increase and the rate of oxidizer travel has a minimum increase with temperature. Four USSR references (1941-1952). Tables; graphs.

Institution : Acad. of Sc. USSR, Inst. of Phys. Chem.

Submitted : June 6, 1955

AUTHORS:

Gerasimov, V. V., and Rozenfel'd, I. L.

62-1-3/21

TITLE:

Thermogalvanic Corrosion (Thermogal'vanicheskaya korroziya)

PERIODICAL:

Izvestiya Akademii Nauk SSSR, Otdeleniye Khimicheskikh Nauk, 1957,
No. 1, pp. 29-31 (U.S.S.R.)

ABSTRACT:

Thermogalvanic corrosion appears to be the result of macro-cells originating when different parts of one and the same metal, submerged in an electrolyte, have a different temperature and the part of the metal acting as anode in such macrocell is subjected to destruction. The authors investigated thermogalvanic corrosion (currents of thermogalvanic cells) of Fe, Cu, Ni and Pb in neutral, alkaline and acid solutions at different temperature drops and surface ratios of cold and hot electrodes and during the mixing of the electrolyte. Experiments showed that in all cases the role of the cell anode is assumed by the electrode which is oriented at a much higher temperature. It was found that, in an alkaline medium, the thermogalvanic current

Thermogalvanic Corrosion

62-1-3/21

of the copper cell increases during the increase in cathode area and anode area as well; the corrosion in this case follows with mixed control. In neutral and acid media the cell current, at an increase in the area of the cold electrode (cathode), increases to a greater degree than during the increase in the anode area. The corrosion in these media follows with cathode control. In an acid medium, where the rate of the cathodic process due to corrosion and hydrogen depolarization is quite high, the thermogalvanic corrosion, with a rare exception, is greater than in neutral and alkaline media. Mixing of the electrolyte in the cathode space sharply increases the rate of corrosion in the thermogalvanic cells where the rate of oxygen diffusion appears to be the controlling factor. In cases where the limiting factor is the ionization of the oxygen or oxygen depolarization with possible descharge of hydrogen ions, the mixing of the electrolyte in the cathode space, has a lesser effect on the corrosion process.

Tables, graph. There are 4 Non-slavic references.

Card 2/3